USER GUIDE

INSIGNIA™

Bluetooth/CD Compact Shelf System

NS-SH513

Before using your new product, please read these instructions to prevent any damage.

NS-SH513
Bluetooth/CD Compact Shelf System

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Introduction

Congratulations on your purchase of a high-quality Insignia product. Your NS-SH513 represents the state of the art in Bluetooth/CD shelf systems and is designed for reliable and trouble-free performance.

Safety information

This symbol indicates that dangerous voltage constituting a risk of electric shock is present within your compact shelf system. This label is located on the back of your compact shelf system.

This symbol indicates that there are important operating and maintenance instructions in the literature accompanying your compact shelf system.

Your compact shelf system utilizes a Class 1 laser to read Compact Discs. Your compact shelf system is equipped with safety switches to avoid exposure when the CD tray is open and the safety interlocks are defeated. Invisible laser radiation is present when the CD tray is open and the system's interlock has failed or been defeated. You should avoid direct exposure to the laser beam at all times. Do not attempt to defeat or bypass the safety switches. **Do not stare into the beam.**

Important safety instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Unplug this apparatus during lightning storms or when unused for long periods of time.
13. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

14 To reduce the risk of fire or electric shock, do not expose this device to rain, moisture, dripping, or splashing, and no objects filled with liquids, such as vases, shall be placed on it.

15 The wall plug is the disconnecting device. The plug must remain readily operable.

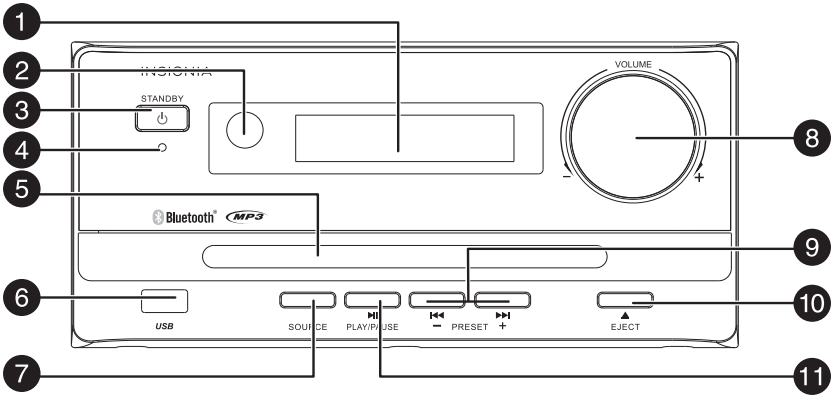
16 Batteries should not be exposed to excessive heat such as sunshine, fire, or the like.

Features

Package contents

- Bluetooth/CD compact shelf system
- Remote control and batteries (2)
- FM antenna
- Speaker cable (2)
- Audio cable
- *Quick Setup Guide*
- *User Guide*

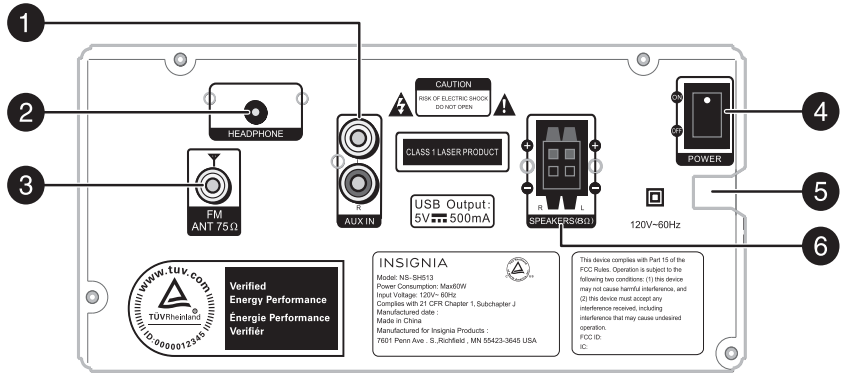
Front view



#	Component	Description
1	Display	Displays source, frequency, and playback information.
2	Remote control sensor	Point the remote control at this sensor.
3	⏻ **STANDBY** button	Press to turn on your compact shelf system. Press again to go to standby.

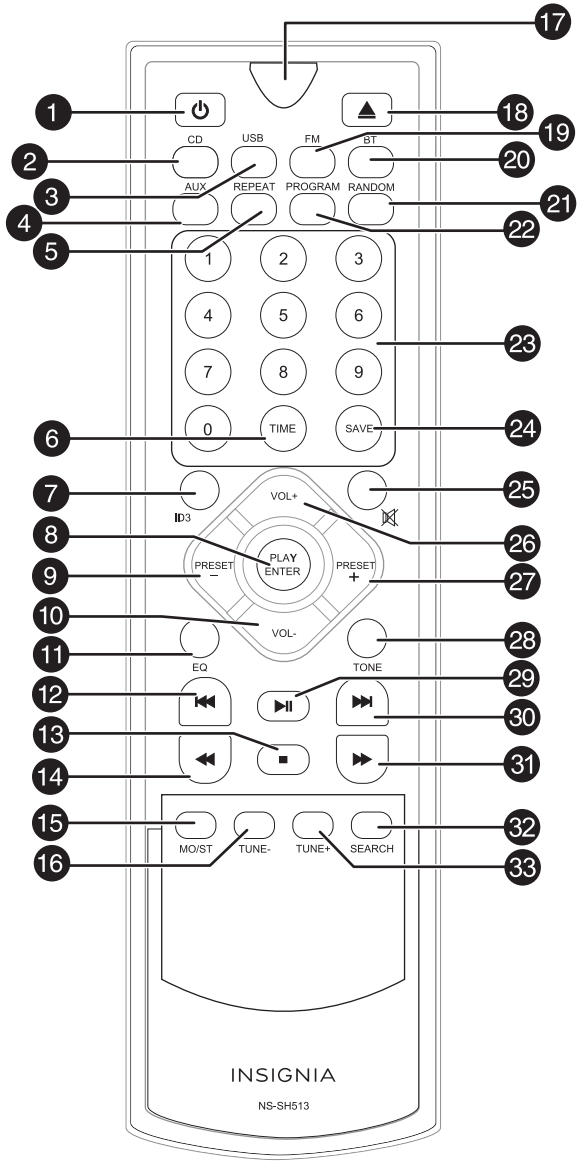
#	Component	Description
4	Standby/Bluetooth indicator	This light indicates the following: Standby mode: Red Bluetooth pairing mode: Blinking Blue Bluetooth paired mode: Solid Blue
5	CD tray	Place the CD in this tray, label side up, to begin playback.
6	USB port	Connect a USB flash drive to this port to play files on the device.
7	**SOURCE** button	Press repeatedly to select the source you want. Options include CD, **TUNER**, **USB**, **BT** (Bluetooth), or **AUX.**
8	**VOLUME** knob	Turn clockwise to raise the volume or counterclockwise to lower the volume.
9	**PRESET+/–** ⏮ (previous) ⏭ (next) buttons	In radio mode, press **+** or **–** to tune to the next or previous radio preset station. In CD mode, press ⏮ to go to the previous track or song, or press ⏭ to go to the next track or song.
10	**EJECT** button	Press to open the CD tray or eject the currently playing CD.
11	⏯ **PLAY/PAUSE** button	Press to start playback. Press again to pause playback. Press again to resume playback.

Back



#	Component	Description
1	L/R AUX IN jack	Connect an external sound source, such as an MP3 player, to this connector.
2	Headphone jack	Connect a headphone to this jack.
3	FM antenna jack	Connect an FM antenna to this jack.
4	Power switch	Switch to turn off the AC power to your compact shelf system. Switch to turn on the AC power.
5	Power cord	Plug the AC power cord into a standard 120V~60Hz wall outlet.
6	L/R Speaker connections	Connect the left and right speakers to these connectors.

Remote control



#	Button	Description
1	⏻ (standby)	Press to turn on your compact shelf system. Press again to go to standby.
2	**CD**	Press to switch your compact shelf system to CD mode.

#	Button	Description
3	**USB**	Press to switch your compact shelf system to USB mode.
4	**AUX**	Press to switch your compact shelf system to AUX mode.
5	**REPEAT**	In CD or USB mode, press once to repeat the current song, press twice to repeat all tracks, press a third time to cancel Repeat mode.
6	**TIME**	Press to play a CD from a specific time point. In USB mode, press to set the playback time of the current track
7	**ID3**	While playing MP3 tracks, press to display information about the current track.
8	**PLAY/ENTER**	Press to enable the item you have selected.
9	**PRESET–**	Press to tune the FM radio to the previous preset station. When setting presets, press to select a lower preset number.
10	**VOL–**	Press to lower the volume.
11	**EQ**	Press to select a specific sound field (equalization). Selections include **Jazz, Rock, Classic, Pop, LIve, Dance,** and **Off.**
12	⏮ (previous)	Press to go to the previous track or song.
13	■ (stop)	Press to stop playback.
14	◀◀ (fast reverse)	Press to fast rewind a CD or USB track.
15	**MO/ST**	In TUNER mode, press to switch from stereo mode to mono mode. Press again to switch back to stereo mode.
16	**TUNE–**	Press to tune the FM radio to a lower frequency.
17	IR transmitter	Transmits the IR signal to the compact shelf system.
18	⏏ (eject)	Press to open the CD tray or eject the currently playing CD.
19	**FM**	Press to switch to FM mode.
20	**BT**	Press to switch to Bluetooth mode.
21	**RANDOM**	Press to switch playback to random mode. Press again to cancel.
22	**PROGRAM**	Press to program CD playback.
23	Number buttons	In CD mode, press to enter the track number you want to play. In FM mode, press to select a specific frequency. In BT mode, press to enter a passkey. In Program mode, press to enter the number of the song you want to begin playback. In Time mode, press to enter the time.
24	**SAVE**	In FM mode, press to save a preset station.
25	🔇 (mute)	Press to mute the sound. Press again to cancel. When you switch to other modes, the default is mute off.
26	**VOL+**	Press to raise the volume.
27	**PRESET +**	Press to tune the FM radio to the next preset station. When setting presets, press to select a higher preset number.
28	**TONE**	Press to adjust the bass and treble.
29	⏯ (play/pause)	Press to start playback. Press again to pause playback. Press again to resume playback.
30	⏭ (next)	Press to go to the next track or song.
31	▶▶ (fast forward)	Press to fast forward a CD or USB track.

#	Button	Description
32	**SEARCH**	Press to search FM stations from low to high. The searched stations are saved automatically as presets.
33	**TUNE+**	Press to tune the FM radio to a higher frequency.

Setting up your compact shelf system

Connecting the AC power

To connect the AC power:

1. Make sure that your local AC power source matches the voltage shown on the plate located on the AC power adapter. If it does not, do not use that power source.
2. Plug the AC power cord into a wall power outlet.

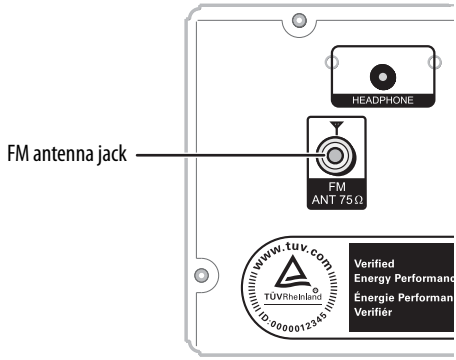
Caution

To protect your compact shelf system during thunderstorms, unplug the AC power cord from the AC power outlet.

Connecting the FM antenna

To connect the FM antenna:

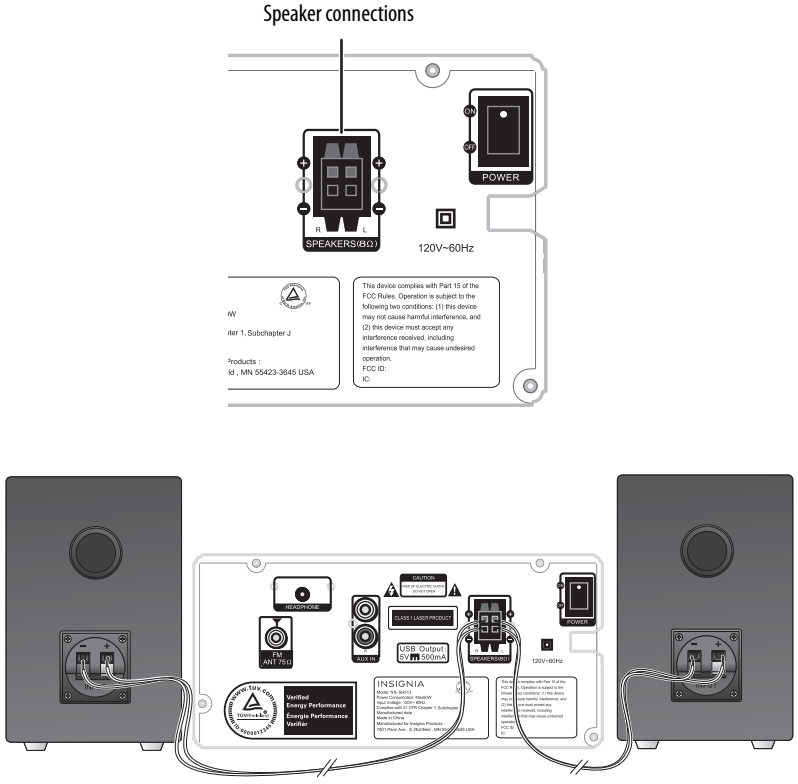
1. Connect the FM antenna (provided) to the FM antenna interface on the back of your compact shelf system.
2. Arrange the antenna for best FM reception.



Connecting the speakers

To connect the speakers:

1. Using the speaker wires provided, connect the black (-) wires to the negative (-) speaker terminals (right and left) on your compact shelf system and to the negative (-) terminals on the right and left speakers.
2. Connect the red (+) wires to the positive (+) speaker terminals (right and left) on your compact shelf system and to the positive (+) terminals on the right and left speakers.



Using your compact shelf system

Turning on your compact shelf system

To turn on your compact shelf system:

- Make sure that the power switch on the back of the unit is turned on, then press ⏻ **STANDBY** on the front of your compact shelf system or on the remote control.

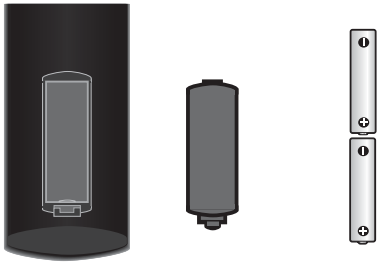
Using the remote control

Notes

- Turn the unit on (using the power switch on the back of the compact shelf system), insert the batteries (included) into the remote control, and direct the remote control at the remote sensor on the front panel of your compact shelf system.
- The distance between the remote control and your compact shelf system should not exceed 23 ft. (7 m).
- If the remote control sensor or IR transmitter is blocked, the remote control will not operate correctly.

To install remote control batteries:

1 Press the battery compartment cover latch, then remove the cover.



2 Insert two AAA batteries (included) into the battery compartment. Make sure that the + and – symbols on the batteries match the + and – symbols in the battery compartment.

3 Replace the cover.

Cautions

- Make sure that you insert the batteries correctly.
- Do not use rechargable (Ni-Cd) batteries.
- Do not heat, open, or short-circuit batteries.
- Do not throw batteries into a fire.
- Do not mix different types of batteries or mix old and new batteries.
- If the remote control does not function correctly or if the operating range becomes reduced, replace the batteries.

Selecting the sound source

To select the sound source:

- Press **SOURCE** repeatedly on the front of your compact shelf system or on the remote control to select **CD**, **TUNER, USB, BT (Bluetooth),** or **AUX**. The source you select appears on the display.

Volume control and mute

To adjust the volume and mute the sound:

- After you select the sound source you want, turn the **VOLUME** knob to set the volume to a comfortable level.
- Press (mute) to mute the sound. Press (mute) again, or **VOL+** or **–** to turn the sound back on.

Adjusting the tone

To adjust the tone:

- In any mode, press **TONE** on the remote control to select Bass or Treble. While **BASS** or **TREBLE** is on the display, press **Vol +/-** to adjust the level.

Selecting the sound equalization

To select the sound equalization:

- Press **EQ** to select the sound equalization you want. Choose one of the following preset options: **JAZZ, ROCK, CLASSIC, POP, LIVE**, **DANCE**, or **OFF** (no equalization).

Using Radio mode

Tuning to a station

To play the radio:

1. If necessary, press **SOURCE** repeatedly to select FM (Tuner) mode or press **FM** on the remote control. "**TUNER**" appears on the display.
2. Adjust the volume to a comfortable level by turning the **VOLUME** knob.
3. Press **MO/ST** to switch between mono and stereo Tuner mode.
4. Tuning to a station:
   - Press the number buttons on the remote control to select a specific frequency. For example, to listen to 99.7 MHz, press 9, 9, and 7 to go to that frequency.
   - Briefly press **TUNE +** or **TUNE –** on the remote control to tune the radio up or down one frequency step (0.2 MHz). A three second press and release tunes automatically to the next strong station.
   - When a strong FM signal is received, "⟲" appears on the display if the Tuner mode is set to Stereo.
   - Briefly press **PRESET +** or **PRESET –** to tune to the next or previous preset station. Up to 30 stations can be preset.
   - Pressing and holding **PRESET+** or **PRESET-** automatically cycles through the presets until the button is released.
5. Scanning for stations:
   - To automatically scan for stations from low to high, press **SEARCH** on the remote control. The searched stations are automatically saved as presets.

Note

When the searched stations are saved as presets, your existing presets will be lost.

- To tune to the next highest or lowest radio station with a strong signal, press and hold **TUNE+** or **TUNE-** for three seconds.

To improve FM reception:

- For improved FM reception, raise and extend the FM antenna on the back of your compact shelf system. You may have to reposition the antenna for best reception.

To save presets:

1. If necessary, press **SOURCE** repeatedly to select FM (Tuner) mode or press **FM** on the remote control. "**TUNER**" appears on the display.
2. Tune to the radio station you want to save as a preset.
3. Press **SAVE** on the remote control to enter Preset saving mode.
4. Press **PRESET +** or **PRESET –** to select a preset number.
5. Press **SAVE** again on the remote control. The currently tuned station is now saved to the selected preset number.
6. Repeat Steps 2 to 5 to store as many as 30 FM presets.
7. To select a preset station, briefly press **PRESET +** or **PRESET –** repeatedly until you reach the station you want.

Using the CD player

You can play audio CDs, CD-Rs, and CD-RWs in standard or 3" size.

Note

Do not attempt to play DVDs, VCDs, or data CDs in your compact shelf system.

To use the CD player:

1. Press **SOURCE** repeatedly to select **CD** mode.
2. Press **EJECT** to open the CD tray.
3. Insert a CD, label side up.
4. Press **EJECT** to close the CD tray.
5. Playback begins automatically. The current track appears on the display. The CD stops when finished.

Note

If the CD tray is opened during playback, playback stops immediately and any repeat mode setting is reset.

6. Control CD playback as follows:
   - Press ▶II (play/pause) to pause playback. Press again to resume playback.

- Press ■ (stop) to stop playback. Press **PLAY/ENTER** to begin playback from the beginning.
- Press ▶▶| or |◀◀ to skip to the next or previous track.

Note

If the current track has played more than two seconds, press |◀◀ to go the beginning of the currently playing track. Press |◀◀ again to go to the previous track. If the current track has played for less than two seconds, press |◀◀ to go the previous track directly.

- Press and hold ▶▶ to fast forward. Press again to fast forward at higher speed. Press again to resume normal speed.
- Press and hold ◀◀ to fast reverse. Press again to fast reverse at higher speed. Press again to resume normal speed.
- Press the number buttons to enter the number of the track you want to play.
- Press **REPEAT** once to repeat the current track. ↻ appears on the display.
- Press **REPEAT** twice to repeat the entire CD. ALL ↻ appears on the display.
- Press **REPEAT** three times to cancel repeat mode.
- Press **RANDOM** to play CD tracks randomly. Press again to cancel.

Note

Random play is only available on standard music CDs, not MP3 or WMA CDs.

Notes

- If a CD is inserted incorrectly, is dirty or damaged, is not present, or is a non-compatible format, "NO DISC" appears on the display.
- To prevent damage to the CD, never open the CD door while the CD is rotating and never touch the lens.
- The CD player should only be used on a steady surface.

To play MP3 discs:

1. Press **EJECT** to open the disc tray. Insert the MP3 disc and press **EJECT** again to close it. The system reads the disc automatically.
2. Basic playback is the same as a standard CD.
3. Press **ID3** to display information of the MP3 tracks, including artist or album name (MP3 discs only).

Programming and timing CD playback

To program CD playback:

1. Press ■ (stop) while playing a CD, then press **PROGRAM**. The display shows "PR 0100."
2. Using the number buttons, enter the number of the song you want to play first. For example, to select song 4 as the first song played in the program, enter "0" then "4" for track 4. (Important note-you must enter two digits for the song numbers.) After each song is entered, your compact shelf system is automatically set up for you to enter the next song. Continue programming until you have entered all the songs you want to play.
3. When you finish programming, press **PLAY/ENTER** to confirm. Your compact shelf system will play the songs by the programmed order.
4. To cancel the program, press ■ (stop) once.

Note

Program CD playback is available only for standard music CDs, not MP3 or WMA CDs.

To set the playback from a specific time point:

- Press **TIME** once, the display screen shows "D_ _ _ _." Enter the digits to set the desired listening time from the beginning of the disc. For example, If you want to start playback from time 35:05 (within the total disc time), press **TIME** once, then enter digits **3, 5, 0, 5** on the "D_ _ _ _" interface. The CD starts playing from 35:05.
- If you want to listen to the current track from a specific time point, press **TIME** twice, the display screen shows "T_ _ _ _." Enter the digits to set the desired listening time of this track. For example, if you want to start playback from time 03:05 (within the total current track time), press **TIME** twice, then enter digits **0, 3, 0, 5** on the "T_ _ _ _" interface, the CD starts playing the content of 03:05.

Notes

While playing music from a USB device, you can only set the playback time of the current track.

While playing music from an MP3 or WMA CD, you can only set the playback time of the current track.

Using Bluetooth

Before you can use your compact shelf system with a Bluetooth device, you need to pair your device to the compact shelf system.

To pair your devices using Bluetooth:

1. Make sure that a compatible Bluetooth device (like a music player or phone) is turned on and within 33 feet (10 meters) of your compact shelf system.
2. Press **SOURCE** one or more times, or press **BT** on the remote control to switch to Bluetooth mode. The compact shelf system is now in Bluetooth pairing mode and the LED blinks on and off.
3. Go to the Bluetooth manager on your device by doing the following:
   a. For iPad/iPhone/iPod touch:
      i. From the home page, click **Settings > General > Bluetooth**.
   b. For Android Phone/Tablet:
      i. From your smart phone/tablet home page, click **Settings > Wireless and networks**.
      ii. Click to activate Bluetooth, then click **Bluetooth settings**.
   c. For a PC or Mac, you can find these instructions in the documentation that came with your computer or operating system.
4. On the Bluetooth device, select **NS-SH513** in the list of found devices.
5. On the Bluetooth device, enter **0000** as the PIN, if prompted. The LED indicator lights solid blue on the compact shelf system.

   If you are pairing with a computer, make sure that your compact shelf system is selected as the computer's default playback device. See the computer's documentation for instructions.

Notes

- Some devices, such as an iPhone, connect immediately after pairing so the LED indicator on the compact shelf system remains on. Other devices, such as notebook computers, may ask you if you wish to connect. In this instance, the LED continues to blink until a connection is established.
- Your compact shelf system saves pairing information for up to eight devices. However, it can only be connected and playing content from one device at a time.
- When you turn on your compact shelf system, it automatically connects to the last connected device if that device is in range. To connect to a different paired device, you have to turn off Bluetooth or unpair from the currently paired device and manually connect to the other paired device.

To disconnect your device:

- Turn off the Bluetooth function on your device.

Playback operation

Playback is controlled by the Bluetooth device, by the buttons on the front of your compact shelf system, and by the remote control (such as **VOL+/–**, ⏯, ⏭, and ⏮).

Reconnecting your device

If you move out of range or turn off the Bluetooth feature on your Bluetooth device, the compact shelf system disconnects from your device. When this happens, the LED blinks on and off.

To restore the connection:

Move the music device back into range (within 33 feet), and make sure there is a clear line of sight and there are no obstructions between the compact shelf system and the device.

The connection is automatically reestablished and the LED lights solid blue.

Notes

The auto-connect feature may not work with some Bluetooth devices, if this occurs use your Bluetooth device settings menu to manually select the compact shelf system from the list of found Bluetooth devices.

Connecting to a different device

To connect to a different device:

1. On your Bluetooth device you are currently connected to, turn off the Bluetooth function or unpair the compact shelf system in your Bluetooth device list.

   The compact shelf system can now be connected to another Bluetooth Device.

2. Follow the section "To pair your devices using Bluetooth:" to connect a new device.

To receive a phone call while playing music:

- When a call is received while playing music through a phone, the music will stop automatically.
- When the call ends, depending on the setting of your phone, the current track may resume playback.

Using a USB device

To listen to a USB device:

1. Connect the USB flash drive to the unit.
2. Press **SOURCE** one or more times or press **USB** on the remote control. "USB" appears on the display and the player automatically detects the device. If the device is found, the player automatically starts playback.

Note

The playback method is the same as it is for CD.

3. To exit USB mode switch to another mode using the remote source buttons or the **SOURCE** button on the unit.

Note

- USB-Extension cable should have a max. length of 1.6 ft. (0.5 m).
- Depending on the amount of data and the media speed, it may take longer for the system to read the contents of the USB device. In some cases, reading time may be as long as 60 seconds. This is not a malfunction.
- Even when the files are in a supported format, some may not play or display, depending on the content.
- The file formats that this system can play are MP3, WMA with .MP3 and .WMA extensions.

Using an AUX device

To connect an AUX device:

1. Make sure that your compact shelf system is turned off.
2. Plug one end of an RCA stereo audio cable (included) into the **AUX IN** jack on the back of your unit and into the audio out or line out jack on the audio device.
3. Press **SOURCE** one or more times until "AUX" appears on the display or press **AUX** on the remote control.
4. Use the controls on the audio device to control playback.

Note

You can also use the volume controls on the device to adjust the volume, but the volume knob on your compact shelf system provides the best control.

Troubleshooting

Problem	Solution
No power to the unit.	• Make sure that the power cord is fully inserted in the power outlet. • Make sure that the power switch on the back of the unit is turned on.
The remote control does not work.	• Make sure that the batteries are fresh. • Make sure that you are aiming the remote control at the front of the unit and that the remote control sensor is not blocked.
"No Disc" error	• Make sure that there is a CD in the disc tray. • Make sure that the CD disc is correctly inserted (label side up). • Make sure that you are using a compatible disc. (CDs, CD-Rs, and CD-RWs in standard or 3" size.) • Make sure that the disc is not dirty or scratched.
No sound.	• Make sure that power is connected and your unit is turned on. • Make sure that the power switch on the back of the unit is turned on. • Make sure that the speakers are correctly connected. • Make sure that your external device is turned on and is playing. • Make sure that the volume on your external device is turned up and is not set to mute. • Make sure that the volume is not extremely low. • Make sure that the correct source has been selected. • Verify all connections. • Make sure that no wires or cables are damaged or broken. • Disconnect the headphones. Sound will be muted if headphones are connected.
The CD skips while playing.	• Make sure that you are using a standard CD (normal size and shape) or 3" CD. • Make sure your CD is a compatible format. • Make sure that you do not move your compact shelf system while it is playing and that it is positioned on a flat, steady surface. • Clean the CD by wiping outwards from the center (not in a circle) with a clean cloth. If a dry cloth does not clean the CD, wipe the CD with a slightly moistened, soft cloth, then dry it with a soft cloth. Do not use any solvents to clean CDs. • Your CD may be damaged. Try playing another CD.
What should I do if my CD will not play?	• Make sure that the CD is correctly inserted with the label facing up. • Make sure that the correct audio source is selected. • Clean the CD by wiping outwards from the center (not in a circle) with a clean cloth. If a dry cloth does not clean the CD, wipe the CD with a slightly moistened, soft cloth, then dry it with a soft cloth. Do not use any solvents to clean CDs. • Make sure that your CD is compatible. Your boombox can play CDs, CD-Rs, and CD-RWs. Your CD may be damaged. Try playing another CD.
"Invalid" display on the display	• Unplug and reconnect the power cord.
Severe hum or noise or can't receive FM stations.	• Make sure that FM reception is adequate. Move the antenna or move the unit away from possible sources of interference. • The FM signal may be weak. Select a different station.

Problem	Solution
No sound in Bluetooth mode.	• Make sure that the Bluetooth device is still connected. Reconnect if necessary. • Make sure you are playing music from your device. • Turn up the volume on your Bluetooth device. • Make sure that your Bluetooth device is within 33 ft. (10 m) of your compact shelf system. • Make sure that your Bluetooth device is not muted.
Will not pair to a device.	• Make sure that the Bluetooth device is turned on. • Make sure that the Bluetooth device is in pairing mode, then select **NS-SH513** on the Bluetooth device. See the instructions that came with the Bluetooth device. • The Bluetooth device may be too far away from your compact shelf system. Move the Bluetooth device within 33 feet (10 m) of your compact shelf system. • The Bluetooth device does not use a supported Bluetooth protocol (A2DP). • Make sure your Bluetooth device is not muted. • Make sure that your phone or device is Bluetooth-compatible. • Try re-pairing the compact shelf system. See "Using Bluetooth" on page 16. • Your compact shelf system may already be connected to a different Bluetooth device. You have to turn off Bluetooth or unpair from the currently paired device and manually connect to the other paired device.
Bluetooth signal fades or drops out	• Shorten the distance between your compact shelf system and the Bluetooth device. The maximum connection distance is 33 ft. (10 m). However, this distance may be reduced if the wireless signal has to pass through walls or other obstructions.

Maintaining

Cleaning your compact shelf system

To prevent fire or shock hazard, disconnect your compact shelf system from the AC power source when cleaning.

The finish on your compact shelf system may be cleaned with a dust cloth and cared for as other furniture. Use caution when cleaning and wiping the plastic parts.

Specifications

Dimensions (HxWxD)	Receiver: 4.4 x 8.7 x 10.2 inches (112 x 220 x 259 mm) Speakers (each): 8.7 x 5.5 x 8.3 inches (220 x 140 x 210 mm)
Weight	Receiver: 4.5 lbs. (2.05 kg) Speakers (each): 4.5 lbs. (2.05 kg)
Power source	120V~60Hz
Audio output power	50W total power (25W x 2 channels)
CD compatibility	CDs, CD-Rs, CD-RWs in standard or 3" size
FM frequency	87.5 - 107.9 MHz (200kHz steps)
FM presets	30
USB section	Supported file formats: MP3 and WMA
Bluetooth section	Transmission frequency: 2.4 GHz Working distance: 33 ft. (10 m)
Input jacks	USB and AUX IN

Legal notices

FCC Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.

-- Increase the separation between the equipment and receiver.

-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-- Consult the dealer or an experienced radio/TV technician for help.

Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Canadian Notice

CAN ICES-3 (B)/NMB-3(B).

ONE-YEAR LIMITED WARRANTY - INSIGNIA

Definitions:

The Distributor* of Insignia branded products warrants to you, the original purchaser of this new Insignia-branded product ("Product"), that the Product shall be free of defects in the original manufacturer of the material or workmanship for a period of one (1) year from the date of your purchase of the Product ("Warranty Period").

For this warranty to apply, your Product must be purchased in the United States or Canada from a Best Buy branded or Future Shop branded retail store or online at www.bestbuy.com, www.bestbuy.ca, or www.futureshop.ca and is packaged with this warranty statement.

How long does the coverage last?

The Warranty Period lasts for 1 year (365 days) from the date you purchased the Product. Your purchase date is printed on the receipt you received with the Product.

What does this warranty cover?

During the Warranty Period, if the original manufacture of the material or workmanship of the Product is determined to be defective by an authorized Insignia repair center or store personnel, Insignia will (at its sole option): (1) repair the Product with new or rebuilt parts; or (2) replace the Product at no charge with new or rebuilt comparable products or parts. Products and parts replaced under this warranty become the property of Insignia and are not returned to you. If service of Products or parts are required after the Warranty Period expires, you must pay all labor and parts charges. This warranty lasts as long as you own your Insignia Product during the Warranty Period. Warranty coverage terminates if you sell or otherwise transfer the Product.

How to obtain warranty service?

If you purchased the Product at a Best Buy or Future Shop retail store location, please take your original receipt and the Product to any Best Buy or Future Shop store. Make sure that you place the Product in its original packaging or packaging that provides the same amount of protection as the original packaging. If you purchased the Product from a Best Buy or Future Shop online web site (www.bestbuy.com, www.bestbuy.ca, or www.futureshop.ca), mail your original receipt and the Product to the address listed on the web site. Make sure that you put the Product in its original packaging or packaging that provides the same amount of protection as the original packaging.

To obtain warranty service, in the United States call 1-888-BESTBUY, Canada call 1-866-BESTBUY for Future Shop call 1-800-663-2275. Call agents may diagnose and correct the issue over the phone.

Where is the warranty valid?

This warranty is valid only in the United States and Canada at Best Buy or Future Shop branded retail stores or websites to the original purchaser of the product in the county where the original purchase was made.

What does the warranty not cover?

This warranty does not cover:

- Customer instruction/education
- Installation
- Set up adjustments
- Cosmetic damage
- Damage due to weather, lightning, and other acts of God, such as power surges
- Accidental damage
- Misuse
- Abuse
- Negligence

- Commercial purposes/use, including but not limited to use in a place of business or in communal areas of a multiple dwelling condominium or apartment complex, or otherwise used in a place of other than a private home.
- Modification of any part of the Product, including the antenna
- Display panel damaged by static (non-moving) images applied for lengthy periods (burn-in).
- Damage due to incorrect operation or maintenance
- Connection to an incorrect voltage or power supply
- Attempted repair by any person not authorized by Insignia to service the Product
- Products sold "as is" or "with all faults"
- Consumables, including but not limited to batteries (i.e. AA, AAA, C etc.)
- Products where the factory applied serial number has been altered or removed
- Loss or Theft of this product or any part of the product
- Display panels containing up to three (3) pixel failures (dots that are dark or incorrectly illuminated) grouped in an area smaller than one tenth (1/10) of the display size or up to five (5) pixel failures throughout the display. (Pixel based displays may contain a limited number of pixels that may not function normally.)
- Failures or Damage caused by any contact including but not limited to liquids, gels or pastes.

REPAIR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS YOUR EXCLUSIVE REMEDY FOR BREACH OF WARRANTY. INSIGNIA SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR THE BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT, INCLUDING, BUT NOT LIMITED TO, LOST DATA, LOSS OF USE OF YOUR PRODUCT, LOST BUSINESS OR LOST PROFITS. INSIGNIA PRODUCTS MAKES NO OTHER EXPRESS WARRANTIES WITH RESPECT TO THE PRODUCT, ALL EXPRESS AND IMPLIED WARRANTIES FOR THE PRODUCT, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF AND CONDITIONS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE WARRANTY PERIOD SET FORTH ABOVE AND NO WARRANTIES, WHETHER EXPRESS OR IMPLIED, WILL APPLY AFTER THE WARRANTY PERIOD. SOME STATES, PROVINCES AND JURISDICTIONS DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE OR PROVINCE TO PROVINCE.

Contact Insignia:

For customer service please call 1-877-467-4289

www.insigniaproducts.com

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